

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A portable electronic device, comprising:

a speaker;

a receiver for sound reproduction, the speaker and the receiver sharing a back volume space within the portable electronic device; and

a control unit ~~configured to:~~

actively damp the receiver while the speaker is active, ~~wherein when~~
~~actively damping the receiver, the control unit is configured to control by~~
controlling voltage or current applied to the receiver such that movement of a
membrane of the receiver is suppressed to actively reduce acoustic leakage from the receiver when the speaker is active.
2. (currently amended) The device of claim 1, ~~wherein~~ where said control unit controls switching between speaker mode and sound receiver mode.
3. (canceled)
4. (currently amended) The device of claim 1, ~~wherein~~ where the device ~~[[is]]~~
includes a cellular phone, a smart phone or a communicator.

5. (currently amended) A method for sound reproduction for a portable electronic device including a speaker and a receiver for sound reproduction, comprising:

providing sound reproduction via the speaker and the receiver, the receiver and the speaker sharing a back volume, and

actively damping the receiver while the speaker is active, ~~wherein~~ where the actively damping the receiver comprises:

controlling voltage or current applied to the receiver to suppress movement of a membrane of the receiver in order to reduce leakage from the receiver when the speaker is active.

6. (canceled)

7. (previously presented) The method of claim 5, further comprising:
switching between speaker mode and sound receiver mode to damp the receiver while the speaker is active.

8. (currently amended) The device of claim 2, ~~wherein~~ where the device includes a cellular phone, a smart phone or a communicator.

9. (currently amended) The method of claim 5, ~~wherein~~ where the portable electronic device includes a cellular phone, a smart phone or a communicator.

10. (currently amended) The method of claim 5, further comprising:

switching between speaker mode and sound receiver mode to damp the receiver while the speaker is active.

11. (currently amended) The device of claim 12, ~~wherein~~ where the control unit is ~~configured to constrain~~ constrains a diaphragm of the receiver to a fixed position to actively damp the receiver.

12. (currently amended) A portable electronic device, comprising:
a speaker;
a receiver for sound reproduction, the speaker and the receiver sharing a back volume space within the portable electronic device; and
a control unit ~~configured to~~:

actively damp the receiver while the speaker is active, ~~wherein~~ where,
when actively damping the receiver, the control unit suppresses ~~is configured to suppress~~ movement of a membrane of the receiver.

13. (currently amended) The method of claim 14, ~~wherein~~ where the actively damping the receiver comprises:
constraining a diaphragm of the receiver to a fixed position.

14. (currently amended) A method for sound reproduction for a portable electronic device including a speaker and a receiver for sound reproduction, comprising:
providing sound reproduction via the speaker and the receiver, the receiver and the speaker sharing a back volume, and

actively damping the receiver while the speaker is active, ~~wherein~~ where the
actively damping the receiver comprises:

suppressing movement of a membrane of the receiver.

15. (currently amended) A device, comprising:

a first speaker ~~configured~~ to output sound indicating that an incoming
communication has been received;

a second speaker ~~configured~~ to output sound associated with use of the device, the
first and second speakers sharing an enclosure within the device; and

a control unit ~~configured~~ to:

actively damp the second speaker while the first speaker is active, ~~wherein~~
where, when actively damping the second speaker, the control unit is ~~configured~~
~~to control~~ controls voltage or current applied to the second speaker to suppress
movement of a membrane of the second speaker to actively reduce acoustic
leakage from the second speaker.

16. (currently amended) The device of claim 17, ~~wherein~~ where, when actively
damping the second speaker, the control unit is ~~configured to control~~ controls a
diaphragm of the second speaker to a fixed position.

17. (currently amended) A device, comprising:

a first speaker ~~configured~~ to output sound indicating that an incoming
communication has been received;

a second speaker ~~configured~~ to output sound associated with use of the device, the first and second speakers sharing an enclosure within the device; and

a control unit ~~configured~~ to:

actively damp the second speaker while the first speaker is active, ~~wherein~~ where, when actively damping the second speaker, the control unit is ~~configured to control~~ controls a current or voltage supplied to the second speaker such that movement of a membrane of the second speaker is suppressed when the first speaker is active.

18. (currently amended) The device of claim 15, ~~wherein~~ where the control unit is further ~~configured~~ to:

switch between a first mode when an incoming communication is received and a second mode when no incoming communication is being received.

19. (currently amended) The device of claim 18, ~~wherein~~ where, when in the second mode, the control unit does ~~is configured to~~ not damp the second speaker.

20. (currently amended) The device of claim 15, ~~wherein~~ where the device includes ~~comprises~~ a cellular phone or a mobile communicator.